10/549615

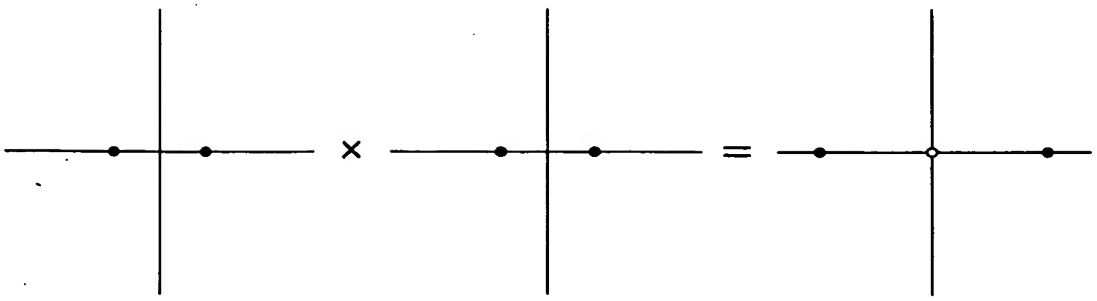

FIG.1A

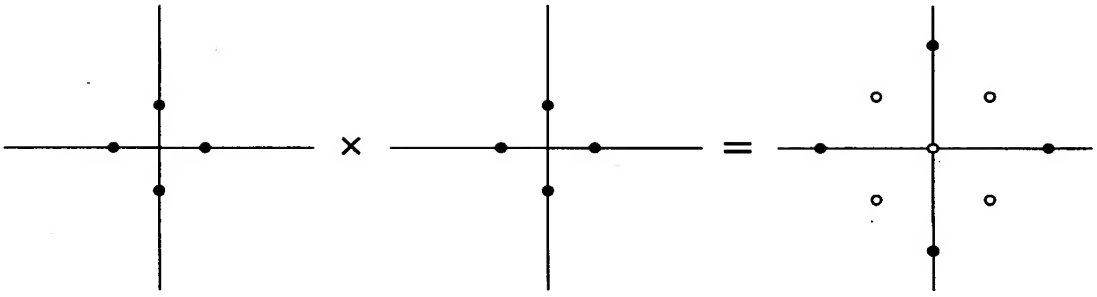

FIG.1B

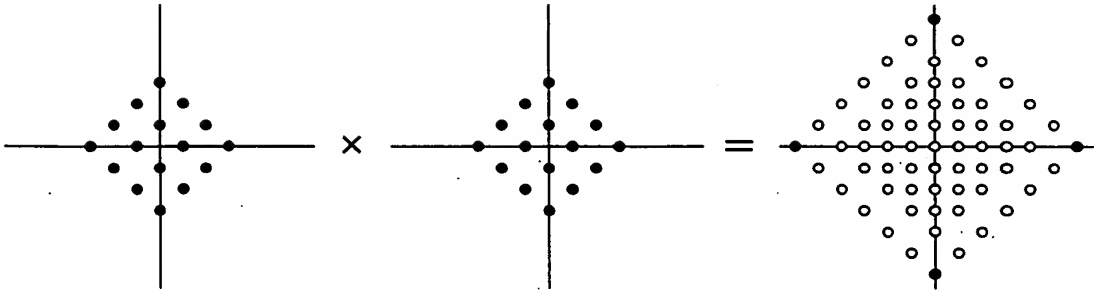

FIG.1C

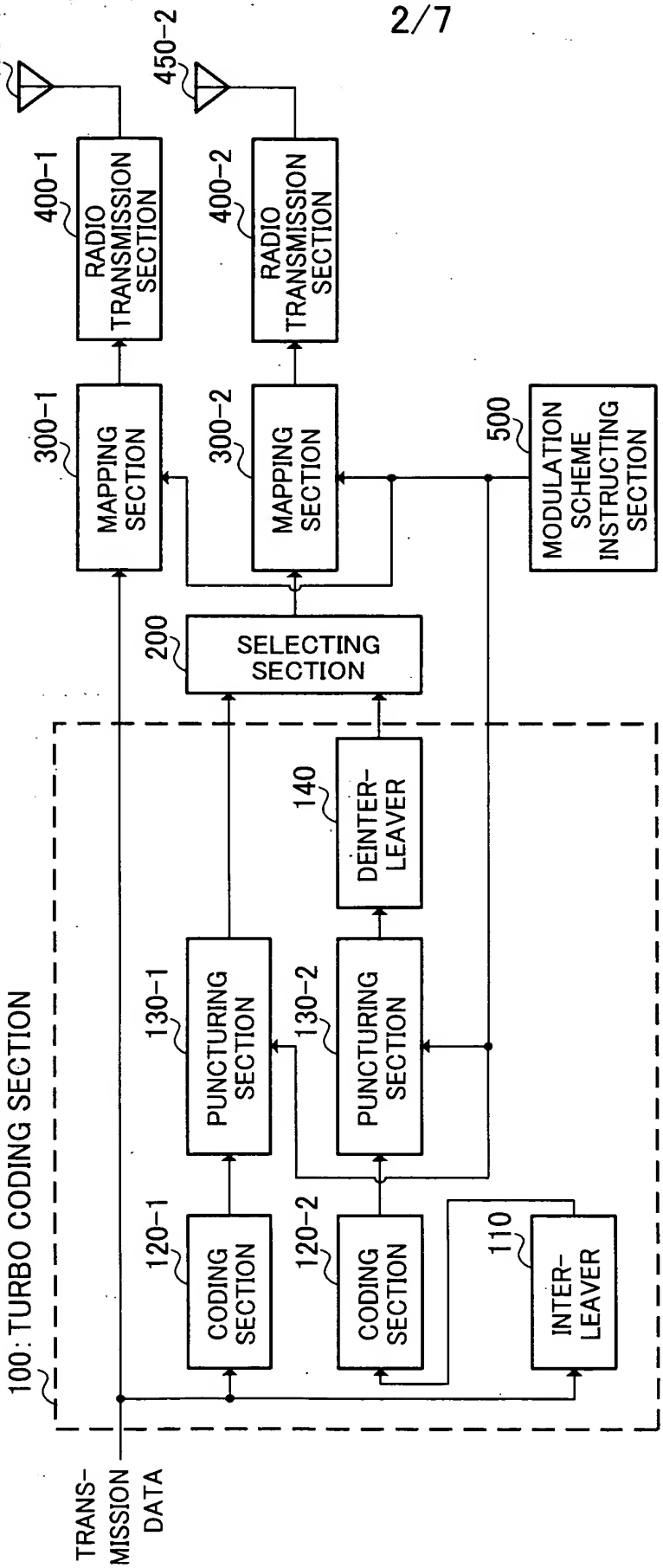
450-1
450-2
400-1
RADIO TRANSMISSION SECTION
400-2
RADIO TRANSMISSION SECTION
300-1
MAPPING SECTION
300-2
MAPPING SECTION
500
MODULATION SCHEME INSTRUCTING SECTION
200
SELECTING SECTION
140
DEINTER-LEAVER
130-1
PUNCTURING SECTION
130-2
PUNCTURING SECTION
120-1
CODING SECTION
120-2
CODING SECTION
110
INTER-LEAVER
100: TURBO CODING SECTION
TRANS-MISSION DATA

FIG.2

10/549615

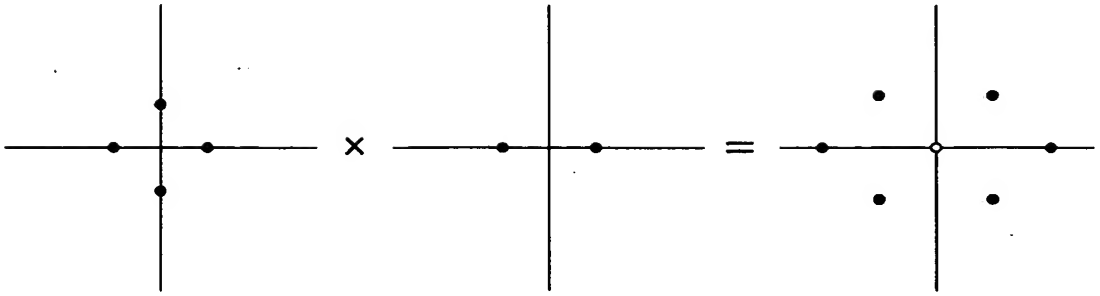

FIG.3A

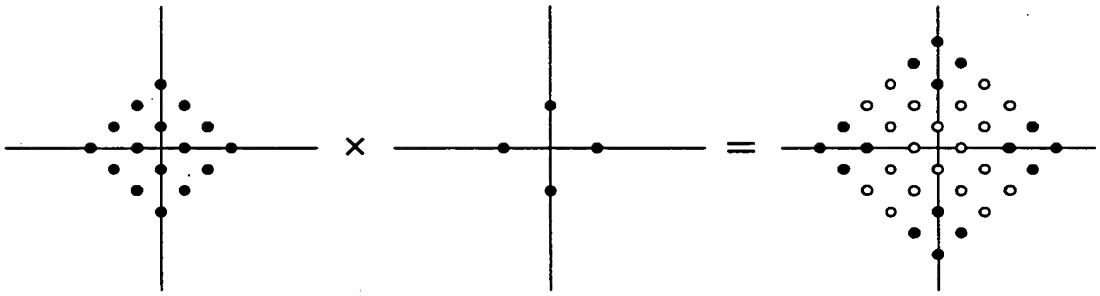

FIG.3B

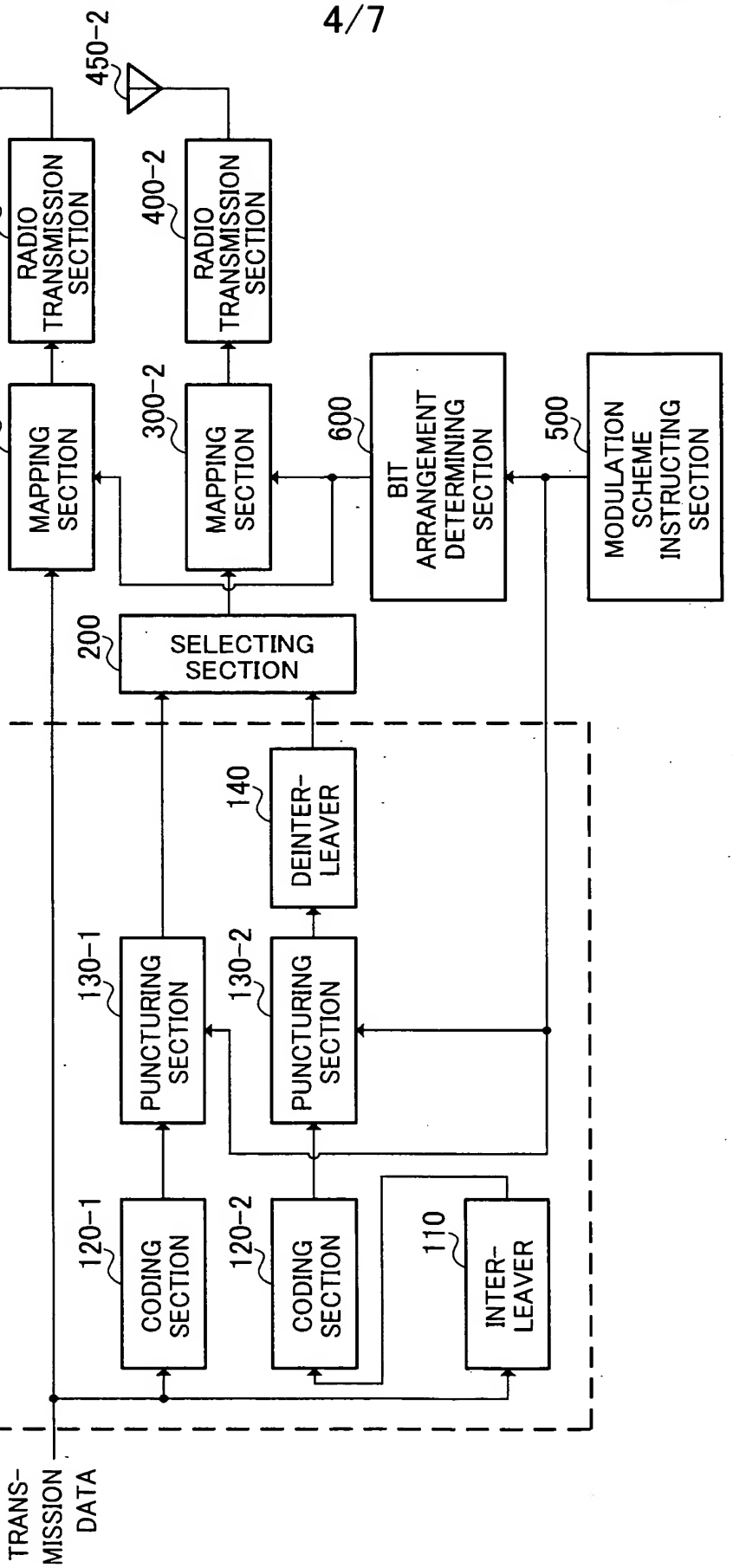
450-1
450-2
400-1
RADIO TRANSMISSION SECTION
400-2
RADIO TRANSMISSION SECTION
300-1
MAPPING SECTION
300-2
MAPPING SECTION
600
BIT ARRANGEMENT DETERMINING SECTION
500
MODULATION SCHEME INSTRUCTING SECTION
200
SELECTING SECTION
140
DEINTER-LEAVER
130-1
PUNCTURING SECTION
130-2
PUNCTURING SECTION
120-1
CODING SECTION
120-2
CODING SECTION
110
INTER-LEAVER
100: TURBO CODING SECTION
TRANS-MISSION DATA

FIG.4

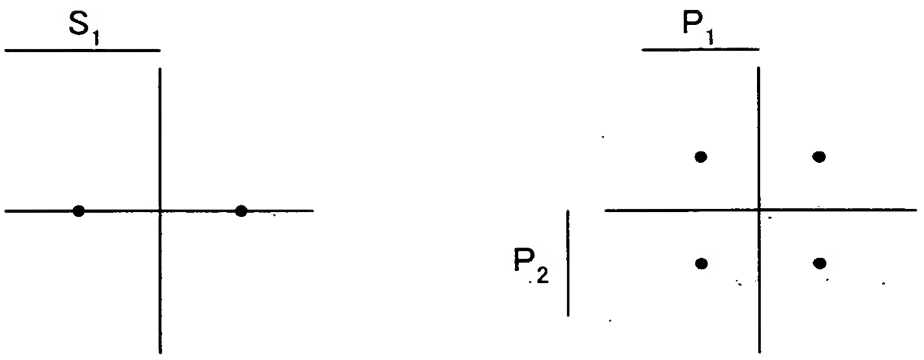

FIG.5A

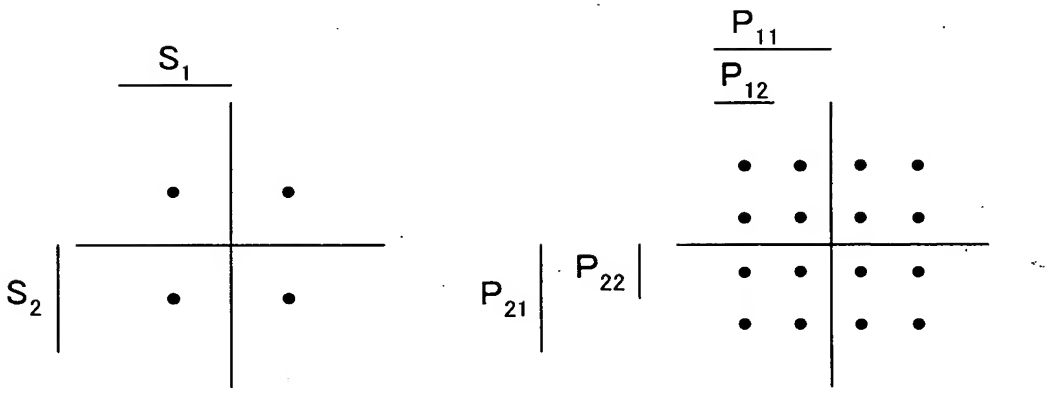

FIG.5B

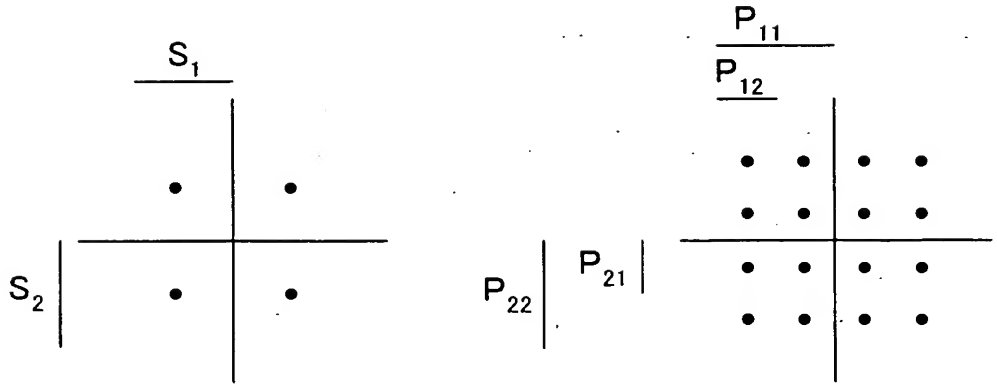

FIG.6

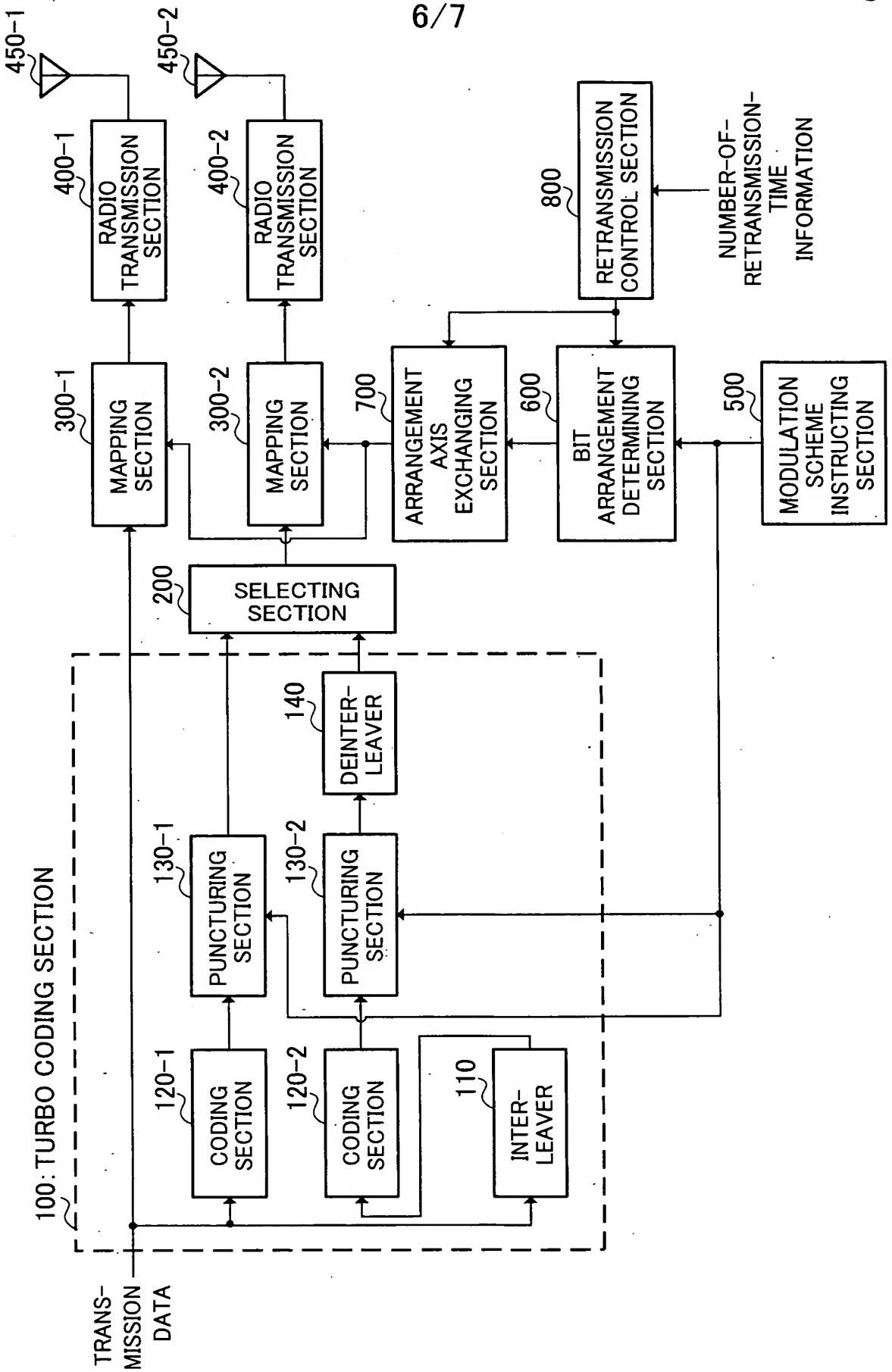
450-1
450-2
400-1
RADIO TRANSMISSION SECTION
400-2
RADIO TRANSMISSION SECTION
800
RETRANSMISSION CONTROL SECTION
NUMBER-OF-RETRANSMISSION-TIME INFORMATION
300-1
MAPPING SECTION
300-2
MAPPING SECTION
700
ARRANGEMENT AXIS EXCHANGING SECTION
600
BIT ARRANGEMENT DETERMINING SECTION
500
MODULATION SCHEME INSTRUCTING SECTION
200
SELECTING SECTION
140
DEINTER-LEAVER
130-1
PUNCTURING SECTION
130-2
PUNCTURING SECTION
120-1
CODING SECTION
120-2
CODING SECTION
110
INTER-LEAVER
100: TURBO CODING SECTION
TRANS-MISSION DATA

FIG.7

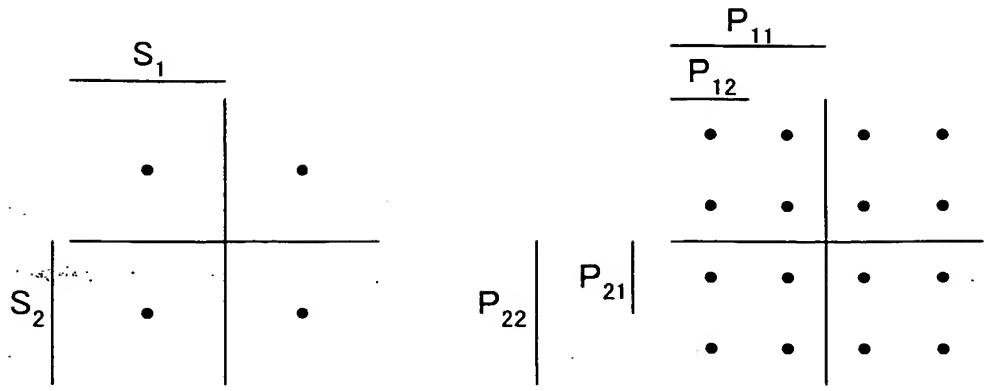

FIG.8A

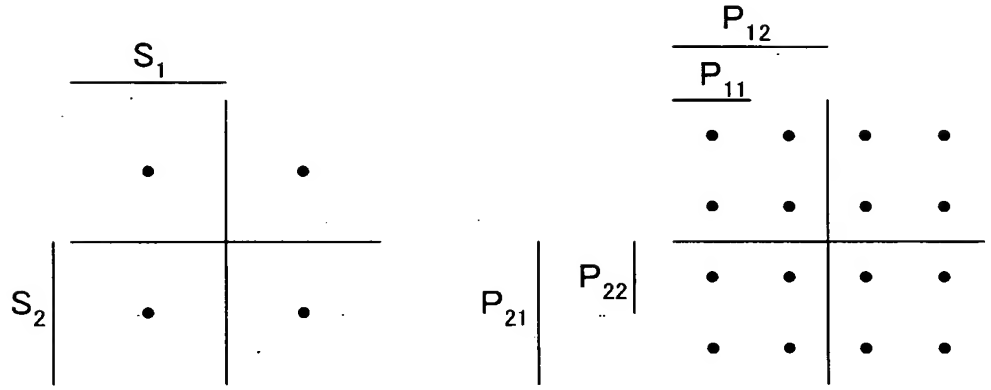

FIG.8B

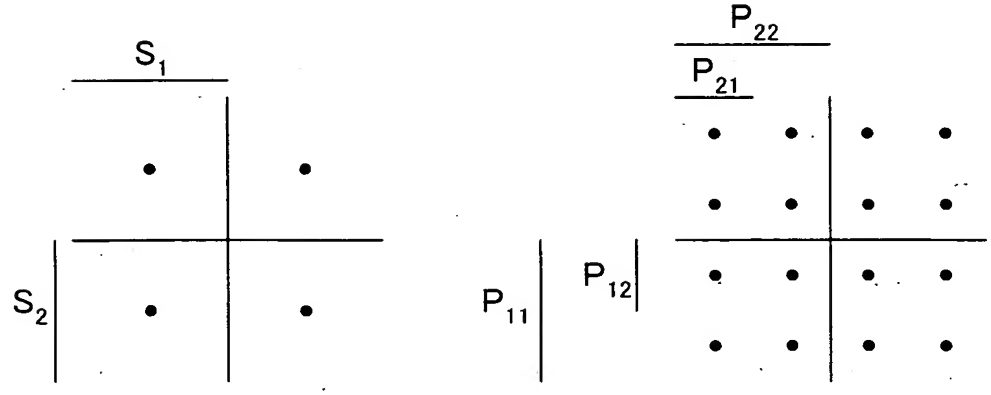

FIG.8C